4/22/04

FORM PTO-1	449						U.S	3. De	epartment of t and Traden	Commerce nark Office	Atty. Doc P24108	ket No.		Applica 10/657,	tion No. 271	
П	√FOR	MA'	TIO	N DI	ISCL	.osi	JRE	STA	TEMPET	PE	Applicant			<u> </u>		
									-3	S AUN S	Stephen P					
		(Us	e sev	verai	l she	ets II	nece	essai	(A) (A)	22 2004 5	Filing Date September			Group 2631		
									U.S. PATE	ENT DESC	IMENTS			<u> </u>		
EXAMINER										THAUS		T			FILING	DATE
INITIAL		D	OCU	UME	ENT	NU	MBE	R	DATE	N.A	ME	CLASS	SUB	CLASS	IF APPRO	OPRIATE
- · · · · · · · · · · · · · · · · · · ·			-	_	 	_		_				<u> </u>				
				 			_							_		
			_											_		
	ļ	_		_	_	·	-	_		-						
				<u> </u>	-	-		<u> </u>		-						
				<u> </u>	-			<u> </u>						· · · · · · · · · · · · · · · · · · ·		
	-				T											
		_			<u> </u>	_	_		·							
		_	_	_	_	_	<u> </u>	_	·							
	L		L	<u> </u>			<u> </u>	F	OREIGN P	ATENT DO	CUMENT	rs			<u></u>	
 											COMEN				TRANS	LATION
		-			ENT		T		DATE		NTRY	CLASS		CLASS	YES	NO
DPN	<u> </u>	0	6	0	1	2	6	0	05/27/98	E.P.O.		#10 4M	11,	<u>/06</u>	<u> </u>	
		_	_	 	-	<u> </u>	├	_				<u> </u>			<u> </u>	<u> </u>
	· ·	_	\vdash	-	+	<u> </u>	╁								1	
			┢╾	 	+		╁┈		<u> </u>							
				OTH	ŒR	DO	CUM	IEN	TS (Includi	ng Author,	Title, Date,	, Pertinent Pa	ges, E	tc.)	<u>-</u>	
		<u> </u>	<u> </u>										<u>-</u>	•	-	
	<u> </u>	 	 													
	-	-	-						·							
																
											·	-				
															· · · · · · · · · · · · · · · · · · ·	
	L.,	Ļ	<u> </u>							· · · · · · · · · · · · · · · · · · ·				- 1-	/ / -	·
*EXAMINER			17	22,6	21_	<u>%</u> ,	<u>-</u>	21_	guyu	DA	TE CONSI	IDERED	(3/2	4/01	
conformance a	.: Initi and no	ai it ot co	citat nsid	non/	cons . Inc	iaere lude	ecop	neth y of	er orthot cita this form wi	ation is in co th next comi	ntormance nunication	with MPEP 60 to applicant.	yy; dra	w line thr	ougn citatio	n if not in

04/04/01

P24108 FORM PT		(C)	0 4						rtment of Co		Atty P24	Docke	et No.		Applicat 10/657,		Sheet 1 c
	INFO	MATI	ON I	DIS(SUF	RE S	TAT	rement			licant ohen P	ALM				
· •	. ((Uŝë š	ievei	ล์ไร์เ	heet	s if	nece	essa	ry)			g Date tember	09, 2003		Group	2631	
								Į	J.S. PATEN	IT DOCUI	MENT	'S		-	l		
EXAMINE	-R																G DATE
INITIAL			OC	UME	ENT	NU	MBE	R	DATE	1	NAME		CLASS	SUE	BCLASS		PRIATE
			<u> </u>	ļ			ļ.,_						,				
			-	ļ	_					<u> </u>				-			
			┼	 	<u> </u>	 	_	-	-				 .	 	-		
			+-	┢			-				;	_					·
			1										-	+			
			†	\vdash												_	
*			1									•					
,									•								
	l							<u> </u>									
								FO	REIGN PAT	ENT DO	UME	NTS			· · · · · · · · · · · · · · · · · · ·		
1		0	oc	UME	ENT	NU	MBE	R	DATE	COL	INTR'	Y	CLASS	SUB	CLASS	TRANS YES	LATION NO
DM)	97	1		4	9	2	2	9	_	W.I.P.C)			1		1	
			<u> </u>	<u> </u>		ļ											
•			-	_	_	ļ	ļ	-									ļ
		+	+	<u> </u>	-	<u> </u>	ļ	-									
			+	 	-	-	 				,						
	 	_	+	├	-					<u> </u>			<i>,</i>				<u> </u>
	_				<u> </u>						******		*				
			тн	ER [OC	UM	ENT	'S (I	ncluding A	uthor, Tit	le, Da	ite, Per	tinent Pa	ges, E	tc.)		I
	.]																
																	•
			_						<u>.</u> . –								
		+	-							······································					·····		
		+	+							 							
		+	\vdash						· · ·								
	_	_															
EXAMINE	R _	Sm	10%	9 .	, ox	•	9	19	ever	DA	TE C	ONSID	ERED	6,	14,	16	
EXAMIN	ER: Initia	al if cit	ation	cor	nside	ered	, wh	ethe	er or not cita e copy of th	ation is in	confo	rmance	with MPI	EP 609); draw lir	ne throug	h citation

Sheet I of I Atty. Docket No. FORM PTO-1449 U.S. Department of Commerce Application No. P24108 10/657,721 Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT **Applicant** Stephen PALM BY APPLICANT (Use several sheets if necessary) Filing Date Group September 9, 2003 281+ 2631 **CUMENTS EXAMINER FILING DATE** DOCUMENT NUMBER DATE NAME **SUBCLASS** IF APPROPRIATE CLASS INITIAL 06/14/94 5 2 **OGAWA** FOREIGN PATENT DOCUMENTS TRANSLATION DATE **COUNTRY** DOCUMENT NUMBER CLASS SUBCLASS YES NO 0 8 2 6 01/21/98 E.P.O. 8 3 1 6 03/25/98 E.P.O. 5 3 5 2 1 11/19/92 E.P.O. OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) D red ITU-T Recommendation V.8 bis ("Procedures for the Identification and Selection of Common Modes of Operation Between Data Circuit-Terminating Equipments (DCEs) and Between Data Terminal Equipments (DTEs) Over the General Switched Telephone Network and On Leased Point-to-Point Telephone-Type Circuits"), published by the International Telecommunication Union in August, 1996. **EXAMINER** DATE CONSIDERED 01 *EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FEB 04 2005

							'E	₹ZP.	INEMAR OF	REIGN PATENT DOCUMENTS		3					
		De	oci	UME	NT				DATE	COUNTRY	10000000000000000000000000000000000000	·;	is.				
DW.	9	8	7	1	0	5	4	5	03/12/98	W.I.P.O.	HOUL	27/20	V.				
DW	1	0	9	7	4	2	0	2	01/26/00	E.P.O.	* MARY TX	N. 6		V			
0 XV		0	8	2	0	1	6	8	01/21/98	E.P.O.	H04L	27/60	V				
NKQ.		2	0	2	7	2	3	0	04/18/95	CANADA	#104 h	J/14	V				
JAKOL		2	1	1	1	5	4	3	06/18/94	CANADA	H046	57.14	V				
					(оті	HER	DO	CUMENTS	(Including Author, Title, Date, Pe	rtinent Pages, E	itc.)					
D DON		1	n	ru-T	Rec	omi	nenc	lation	1 V.8 bis ("P	rocedures for the Identification and	Selection of Con	nmon Modes of	Operation				
			В	etwe													
			G	ener	eneral Switched Telephone Network and On Leased Point-to-Point Telephone-Type Circuits"), published by the												
			Ir	tern													
DA	1	2	Α	лart	icle	by F	. M	ESCA	M, entitled	"Introduction A La Procedure De Tr	ansmission HDI	LC", published a	at pages				
			6	9-73	of L	'On	de E	lectri	que, vol. 53	no. 2 (February, 1973).							
DXX		3	Α	n art	icled	l by	Н. ()HB/	A et al., entit	led "End-to-End Protocol Based On	CCITT X.25 an	d Its Implement	ation",				
			p	ublis	hed :	at pa	ages	281-	287 of Evolu	tions In Computer Communication	s, Kyoto Septem	ber 26-29, 1978	3,				
			lı	ntern	ation	nal C	Conf	erenc	e On Compu	ter Communication, Tokyo, Japan, v	ol. CONF. 4, Se	eptember 1978.					
DXA	Ł	4	A	.n art	icled	i by	K. I	CREC	CHMER at p	ages 63, 64 and 66 of Data Commun	ications, McGra	w Hill, NY, vol	. 23, no. 2				
			(1	anua	ıry 2	1, 1	994)	, enti	tled "V.34 N	Iodems: Off to a Fast Start?".							
Da		5	A	ın art	icle	pub	lishe	d in	the periodica	l, "Nikkei Communications", Vol. 2	52, August 18,	1997, pages 80-1	89.				
074		8	ľ	เบ-เ	`rec	omn	nend	ation	G.994.1 ("H	landshake Procedures For Digital Su	bscriber Line (D	OSL) Transceive	rs"),				
	Γ		,p	ublis	hed	by t	he Ir	nterna	tional Telec	ommunication Union in February, 20	001.	,					



04/04/05

P24108.P07 Sheet 1 of 1 U.S. Department of Commerce Patent and Trademark Office Form PTO-1449 Atty. Docket o. Serial No. P24108 10/657,271 INFORMATION DISCLOSURE STATEMENT Stephen PALM BY APPLICANT (Use several sheets if necessary) Filing Date Group 2811 263 September 9, 2003 **U.S. PATENT DOCUMENTS EXAMINER FILING DATE** DOCUMENT NUMBER INITIAL DATE NAME **CLASS SUBCLASS** IF APPROPRIATE DVN 02/03/98 GOODSON et al. D M0 02/20/96 DAVIS et al. FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT NUMBER DATE COUNTRY CLASS **SUBCLASS** YES NO 10 pa 2 0 6 01/21/98 E.P.O. OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) JON ITU-T Recommendation V.8 bis ("Procedures for the Identification and Selection of Common Modes of Operation Between Data Circuit-Terminating Equipments (DCEs) and Between Data Terminating Equipments (DCEs) Over the General Switched Telephone Network and On Leased Point-to-Point Telephone-Type Circuits"), which was published by the International Telecommunication Union in August, 1996. DD NA K. KRECHMER at pages 63, 64 and 66 of Data Communications, McGraw Hill, NY, vol. 23, no. 2 (January 21, 1994), entitled "V.34 Modems: Off to a Fast Start?".

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

DATE CONSIDERED

EXAMINER

Sheet _1_ of _1_

									· · · · · · · · · · · · · · · · · · ·						
Form PTO-144	9						U	l.S. D Paten	Department of at and Tradem	f Commerce nark Office	Atty. Docket No. P24108		Serial No. 10/657,271		
n	NFC			B'	Y Al	PPL	ICA	NT.	TATEMENT	г .	Applicant Stephen PALM				
OIPE.	<u>ي</u>	\	Use	seve	eral s	sheet	ts if	neces	ssary)		Filing Date September 9, 200	03	Group 2811	ı	
APR 2 8 200	(f)									U.S. PATENT	DOCUMENTS		. -		
	1 2	7	юс	:UMI	ENT	NL	JMB	ER	DATE		NAME	CLASS	SUBCLASS		DATE OPRIATE
					Г										
		П			Г				•						
		П			Γ										
															
							Γ								
	Γ				Γ		Г								
,					I		Г	Г							
															-
															
									FO	REIGN PATE	ENT DOCUMENTS	3			
		D	OCI	UME	ENT	NU	мві	ER	DATE	c	COUNTRY	CLASS	SUBCLASS	TRANSI YES	LATION NO
300		0	8	3	1	6	2	4	03/25/98	E.P.O		H04L	27/00	V	
1 2N		0	5	1	3	5	2	7	11/19/92	E.P.O		H04L	05/14	V	
	L			L	L	L	igsplace								
			Ш	_	L	L	Ľ		<u> </u>						
				L											
, 		,				от	HEI	R DO	CUMENTS	(Including A	uthor, Title, Date, F	Pertinent Pages,	Etc.)	_	
		L	ot												
			L												
			L												
···			L												_
EXAMINER		\geq	30	m	2		, صر	_	Ngey	yeu	DATE CONSIDI	ERED	61.24	100	
*EXAMINER: and not conside	Init red.	ial i Ind	f cita	ation e co	ι con py o	iside f thi	red, s for	whet m wi	her or not cit	tation is in con nunication to a	formance with MPE				formance

Sheet $\underline{1}$ of $\underline{1}$

Form PTO-1449

U.S. Department of Commerce Patent and Trademark Office

Atty. Docket No. P24108

Serial No. 10/657,271

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Applicant Stephen PALM

(Use several sheets if necessary)

							-			Filing Date September 9, 2003		Group 263)	
								,	U.S. PATENT I	DOCUMENTS		· · · · · · · · · · · · · · · · · · ·		
EXAMINER INITIAL	C	ocı	JME	NT	NU	МВ	ER	DATE	•	NAME	CLASS	SUBCLASS		G DATE OPRIATI
DXV	5	4	9	3	6	0	9	02/20/96	DAVIS et al					
	<u> </u>						_							
	_	\Box				_				·				
	ļ		.	_	L									
	<u> </u>	\sqcup	_	_	L				<u> </u>		<u> </u>			
	<u>. l</u>										<u> </u>			
	_							FO	REIGN PATEN	T DOCUMENTS		ı" ı		
	D	ocu	MEI	NT I	NUI	MBE	R	DATE	· co	UNTRY	CLASS	SUBCLASS	TRANS YES	LATION NO
	1.			_						•				
			_	_						·				
											<u> </u>			<u> </u>
	- , .				OT	HER	DO	CUMENTS	(Including Aut	hor, Title, Date, Per	tinent Pages,	Etc.)		
DXN	1	ITI	U-T	Rec	omr	nend	atior	V.8 bis ("P	rocedures for the	Identification and Se	election of Cor	nmon Modes of (Operation Be	etween
										etween Data Termina	-			
	+						_	On Leased I	Point-to-Point To	elephone-Type Circui	ts"), published	by the Internatio	nal Telecon	nmunicat
A) 14 A	+		ion i			<u> </u>				V 47 ···			· · · · · · · · · · · · · · · · · · ·	
DAR	2			cle l	by K	. KF	RECH	IMER at pag	ges 63,64 and 66	of Data Communicat	ions, McGraw	Hill, NY, vol. 23	, no. 2 (Jan	uary 21,
·		199	94).				-							
	+													
	+-													
	人									 -				

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-144	9								epartment of t and Tradem		Atty. Docket No. P24108		Serial No. 10/657,271	· · · · · · · · · · · · · · · · · · ·	
	70	Γ,	E	B	Y AF	PPL	ICA	NT	TATEMENT	r	Applicant Stephen PALM				
	1 1	4 7	2004	2		heet	s if	neces	sary)		Filing Date September 9, 2003		Group 2811 としる		
EXAMINER				\$						U.S. PATENT	DOCUMENTS	_			
INITIAL	TRI	Œ	DOC	CUM	ENT	NUI	мве	R	DATE		NAME .	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
DPD		5	4	9	3	6	0	9	02/20/96	DAVIS et al.			,		
AAN		6	0	0	2	7	2	2	12/14/99	wu					
Opv		4	6	7	9	2	2	7	07/07/87	HUGHES-HA	RTOGS				
Na Q		5	4	7	9	4	4	7	12/26/95	CHOW et al.			_		
JON		5	6	4	4	5	7	3	07/01/97	JACOBSEN					
Dby		5	4	6	3	3	8	2	10/31/95	NIKAS et al.		_			
100		5	3	7	7	1	8	8	12/27/94	SEKI					
DIN		5	3	4	9	6	3	5	09/20/94	SCOTT					
D DN		4	8	9	7	8	3	1	01/30/90	NEGI et al.	'				
D RON		5	3	1	1	5	7	8	05/10/94	BREMER et a	J.	_			
NaC		6	2	0	5	2	0	8	03/20/01	DETLEFSEN	et al.				
DNN		6	1	4	1	3	5	4	10/31/00	NAKATSUG	AWA				
0 100		5	9	3	3	4	5	4	08/03/99	CIOFFI					
10 NOV	MOV 5 9 3 3 4 5 4 08/03/99 CIOFFI NOV 5 6 3 3 8 9 0 05/27/97 AHMED NOV 5 4 9 1 7 2 0 02/13/96 DAVIS et al.														
100N	NOV 5 6 3 3 8 9 0 05/27/97 AHMED														
D DON	D NN 5 4 9 1 7 2 0 02/13/96 DAVIS et al. D NN 5 3 7 1 5 3 4 12/06/94 DAGDEVIREN et al.														
DXN		5	1	4	4	6	5	1	09/01/92	COOPER					
DON	Ш	4	9	5	3	2	1	0	08/28/90	MCGLYNN e	t al.				
DXV		5	8	2	6	1	9	8	10/20/98	BERGINS et	al.				
DON		6	0	4	4	1	0	7	05/28/00	GATHERER	et al.				
900		5	4	0	0	3	2	2	03/21/95	HUNT et al.					
DOW		5	8	0	5	6	6	9	09/08/98	BINGEL et al					
DON	Ц	5	9	0	3	6	0	8	05/11/99	CHUN					
DXV		5	9	1	0	9	7	0	06/08/99	LU					
DXN		5	6	6	8	8	5	7	09/16/97	McHALE					
DXN		5	7	8	1	6	1	7	07/14/98	McHALE et a	<u>l </u>				
DON	igsim	ر	igsqcup							<u> </u>	 		/ ===	L	
EXAMINER	<u> </u>	1	m	9	>	00	,	Λ	Squy	fan	DATE CONSIDER	RED C	1291	0)	
*EXAMINER: and not conside	Initi red.	ali Ind	f cit clud	ation le co	cor	nside f thi	red, s for	whet	ther or not ci	tation is in confi nunication to ap	ormance with MPEP plicant.	609; Draw line	through citation	if not in conformance	

Form PTO-144	9			•••					epartment of and Tradem		Atty. Docket No. P24108		Serial No. 10/657,271		
0	VI P	€.	•						TATEMENT	,	Applicant Stephen PALM				
JAN 1	4 2				ral s	heet	s if	neces	sary)	•	Filing Date September 9, 2003		Group 263	1	
ELEN				<i></i>				-	` .	U.S. PATENT I	DOCUMENTS	·			
EXAMINER'S INITIAL	36.0		юс	UMI	ENT	NU	мв	ER	DATE	1	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
D XV		5	8	5	2	6	5	5	12/22/98	McHALE et a	l.				
g por		5	4	1	0	3	4	3	04/25/95	CODDINGTO	N et al.		_		
ONN	DOCUMENT NUMBER														
Mal	DOCUMENT NUMBER DATE NAME CLASS SUBCLASS IF APPROPRIATE														
D X V	September 9, 2003 Sept														
DXN	N														
D XX	N 5 7 5 1 9 1 4 05/12/98 COLEY et al. NON 5 4 4 8 5 6 6 09/05/95 RICHTER et al. NON 5 1 6 3 1 3 1 11/10/92 ROW et al. NON 4 6 8 0 7 7 3 07/14/87 AMUNDSON NON 5 4 6 3 6 6 1 10/31/95 MORAN III et al. NON 5 6 0 8 7 6 4 03/04/97 SUGITA et al. NON 5 6 8 2 4 1 9 10/28/97 GRUBE et al.														
DAN	N														
DXN	N 5 7 9 6 8 0 8 08/18/98 SCOTT et al.														
DNN	S 7 5 7 8 0 3 05/26/98 RUSSELL et al.														
DNN	NAME DOCUMENT NUMBER DATE NAME CLASS SUBCLASS FILING DATE FILING DATE FILING DATE FILING DATE FILING DATE FAPPROPRIATE														
DOO	NAME CLASS SUBCLASS FILING DATE NAME CLASS SUBCLASS FILING DATE FILING DATE FILING DATE FILING DATE FAPPROPRIATE														
DAN															
DAN	A														
20N	Image: Color of the color														
Drw.	ļ	6	0	5	5	2	6	8	04/25/00	TIMM et al.					
D XX		5:	2	8	0	5	8	6	01/18/94	KUNTZ et al.					
0 pN		5	4	6	. 3	6	6	1	10/31/95	MORAN et al.					
						L									
														,	
		Ŀ	L			Ш									
						Ц				-		•			
			L												
	Ļ														
EXAMINER	S	3	m	2		%	<u>, </u>		Vgm	fu	DATE CONSIDERE	D	0/24	105	
*EXAMINER: and not conside	Initi red.	ial i In) f citi clud	ation c cop	con py of	side f this	red, s for	whet m wi	her or not cit	ation is in confo	ormance with MPEP 60 plicant.	9; Draw line	through citation	if not in conformance	

Form PTO-1449	<u> </u>		_			_	$\overline{}$		lengtment of	f Commerce	Atty. Docket No.		Carial Na		
Form F10-1445	y				.*				Department of at and Tradem		P24108		Serial No. 10/657,271		
OIP	EQ	\		В	Y AP	PPLI	ICA	NT	TATEMENT	L	Applicant Stephen PALM				
JAH 1 4 20	04	(2)	Use	seve	ral si	heet	is it	neces	ssary)		Filing Date September 9, 2003		Group 2811- 263	3 1	
14	.6	3								U.S. PATENT I	DOCUMENTS				
EXAMINE INITIAL	de	E	юс	UME	ENT	NU	JMB	ER	DATE	. ,	NAME	CLASS	SUBCLASS	FILING IF APPRO	
· · ·							Γ				7				
		П			\square	H	\vdash	\Box		-					
	ــــ ـا							L	FOI	REIGN PATEN	NT DOCUMENTS	<u></u>	<u> </u>		
		D	oci	UME	NT	NU	МВ	ER	DATE	C(DUNTRY	CLASS	SUBCLASS	TRANSL YES	LATION NO
المعرال	9	8	7	1	0	5	4	5	03/12/98	W.I.P.O.		Hour	2/16	V	
DDN		0	9	7	4	2	0	2	01/26/00	E.P.O.				~	
D >> N		0	8	2	0		6	8	01/21/98	E.P.O.		J1046	27/00	✓	
DON		0	9	7	4	2	0	2	01/26/00	E.P.O.		-			J
D RW	Na) 9 9 1 3 5 7 5 6 07/15/99 W.I.P.O. #04B 1/38 V														
DAN	0N 99/49229 W.I.P.O.														
D XX	M 6 - 9 7 9 8 0 04/08/94 JAPAN														
D XV	XN														
DON		2	0	2	7	2	3	0	04/18/95	CANADA		Hoyla	5/14	V	
D XN		2	1			5	4	3	06/18/94	CANADA		H046	005/14	V	
						L		<u> </u>					-		
2		,	,			ОТ	HE	R DO	CUMENTS	(Including Aut	thor, Title, Date, Pert	tinent Pages, I	Etc.)		
DXW			E	nglis	sh L	ang	,uag	e Ab	stract of JP	6-97980.					
DNW		2	E	nglis	sh L	ang	uag	e Ab	stract of JP	10-75279.		· · · · · · · · · · · · · · · · · · ·			
Dow		3	17	าบ-T	î Re	:con	nme	ndat	ion V.8 bis	("Procedures f	for the Identification	and Selectio	n of Common I	Modes of O	peration
			В	etwe	en I	Dat:	a Ci	rcuit	-Terminatin	ıg Equipments	(DCEs) and Betwee	n Data Term	ninal Equipmen	its (DTEs) C)ver the
			G	ener	al S	wit	che	d Tel	ephone Net	work and On I	Leased Point-to-Poin	nt Telephone-	Type Circuits"	'), published	by the
			ln	itern	atio	nal	Tel	econ	nmunication	Union in Aug	ust, 1996.		·		
DNN		4	Α	n ar	ticle	by	F. J	MES	CAM, entit	led "Introducti	on A La Procedure I	De Transmiss	ion HDLC", pi	ublished at p	oages
			69	9-73	of I	r,o	nde	Elec	trique, vol.	53, no. 2 (Feb	ruary, 1973).				
															
EXAMINER	2	\geq	1	ng	<u> </u>	×	ه د	a	Jeg 14	in	DATE CONSIDER	ED	·		
*EXAMINER: I	lniti red	al i	f cita	ation	con	side	ered,	when	her or not cit	tation is in confo	ormance with MPEP 6	09; Draw line	through citation	if not in conf	ormance

Form PTO-1449)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. P24108	Serial No. 10/657,271
OW	POR	ATION DISCLOSURE STATEMENT BY APPLICANT	Applicant Stephen PALM	
JAN 1	4 200	(Un everal sheets if necessary)	Filing Date September 9, 2003	Group 28# 263 (
O D O	اکمــــــــــــــــــــــــــــــــــــ	OTHER DOCUMENTS (Including Aut	hor, Title, Date, Pertinent Pages, I	Etc.)
DPN		An articled by H. OHBA et al., entitled "End-to-	-End Protocol Based On CCITT	X.25 and Its Implementation",
		published at pages 281-287 of Evolutions In Co	mputer Communications, Kyoto	September 26-29, 1978,
		International Conference On Computer Commun	nication, Tokyo, Japan, vol. CON	IF. 4, September 1978.
ONO	7	An articled by K. KRECHMER at pages 63, 64	and 66 of Data Communications	, McGraw Hill, NY, vol. 23, no. 2
		(January 21, 1994), entitled "V.34 Modems: Off	f to a Fast Start?".	
Dan		An article published in the periodical, "Nikkei C	Communications", Vol. 252, Aug	ust 18, 1997, pages 80-89.
DAN		ITU-T recommendation G.994.1 ("Handshake P	Procedures For Digital Subscribe	Line (DSL) Transceivers"),
		published by the International Telecommunication	on Union in February, 2001.	
				·
,				
	\perp			
	\perp			
			· · · · · · · · · · · · · · · · · · ·	
	\perp			
·			-	·
EXAMINER	0	Smg p, Negryn	DATE CONSIDERED θ_{j}	14/05
*EXAMINER: I	Initial	if citation considered, whether or not citation is in confo	ormance with MPEP 609; Draw line	through citation if not in conformance

and not considered. Include copy of this form with next communication to applicant.

74/05

0404/05

Serial No. 10/657,271

FEB 04

P24.108.P04

Form PTO-1449

Department of Commerce atent and Trademark Office

Atty. Docket No. P24108

Sheet <u>1</u> of <u>4</u>

INFORMATION DESCRIPTION BY APPLICANT
(Use several sheets if necessary)

Applicant Stephen PALM

Filing Date September 9, 2003

Group 2811 2631

									U.S. PATENT DOCUMENTS		· •	
		DO	CUM	ENT	טא ז	мві	ER.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5	4	9	3	6	0	9.	02/20/96	DAVIS et al.	379	96	Julo 07/94
	6	0	0	2	7.	2	2	12/14/99	wu	375	295	Jul. 19 196
	4	6	7	9	2	2	7	07/07/87	HUGHES-HARTOGS	379	98	May 20/85
	5	4	7	ģ	4	4	7	12/26/95	CHOW et al.	375	260	Map 03/93
Ш	5	6	4	4	5	7	3	07/01/97	JACOBSEN	370	ರಾತಿ	Jan. 20/95
	5	4	6	3	3	8	2	10/31/95	NIKAS et al.	340	8 5.44	Apr. 22/94
	5	3	7	7	1	8	8	12/27/94	SEKI .	370	8501	sep. 15/93
	5	3	4	9	6	3	5	09/20/94	SCOTT	319	97	Nov. 19/92
	4	8	9	7	8	3	1	01/30/90	NEGI et al.	370	29	Feb. 29/88
	5	3	1	ı	5	7	.8	05/10/94	BREMER et al.	379	97.	Mgg 07/92
	6	2	0	5	2	0	8	03/20/01	DETLEFSEN et al.	329	93.05	Mar. 31/97
	6	1	4	ı	3	5	4	10/31/00	NAKATSUGAWA .	370	465	Deco 08/97
	5	9	3	3	4	5	4	08/03/99	CIOFFI	375	. 2po.	Mar. 13/97
	5	6	3	. 3	8	9	0	05/27/97	AHMED	375	219	Feb. 24/94
	5	4	.9	1	7	2	0	02/13/96	DAVIS et al.			
	.5	3	7	1	5	3	4	12/06/94	DAGDEVIREN et al.			
	5	1	.4	4	6	5	1	09/01/92	COOPER			
	4	9	5	3	2	1	0	08/28/90	MCGLYNN et al.		. /	
	5	8	2	- 6	i	9	8	10/20/98	BERGINS et al.			
	6	0	4	4	1	0	7	05/28/00	GATHERER et al.			
	5	4	0	.0	3	2	2	03/21/95	HUNT et al.			
	5	8	0	5	6	6	9	09/08/98	BINGEL et al.			
	5	9	0	3	6	0	- 8	05/11/99	CHUN			
	5	9	1	0	9	7	0	06/08/99	เบ			. /
	5	6	6	8	8	5	7	09/16/97	McHALE		·	
	5	7	8	1	.6	1	7	07/14/98	McHALE et al.			
	0	<u> </u>).pr	n	2-	<u> </u>	م ت	Ny	My CAL DATE CONSIDERE	ED 4	3/24	10-
		5 6 4 5 5 5 5 6 6 6 5 5 5 5 5 5 5 5 5 5	5 4 6 0 7 4 6 7 5 4 7 5 6 7 5 4 7 5 3 7 6 2 7 6 1 7 5 9 7 5 6 7 5 4 7 5 3 7 5 1 7 4 9 7 5 8 7 6 0 7 5 4 7 5 8 7 6 0 7 5 4 7 7 8 7 8 7 8 7 9 7 5 6	5 4 9 6 0 0 4 6 7 5 4 7 5 6 4 5 4 6 5 3 7 5 3 1 6 2 0 6 1 4 5 9 3 5 6 3 5 6 3 5 4 9 5 3 7 5 1 4 4 9 5 5 8 2 6 0 4 5 4 0 5 8 0 5 9 0 5 9 1 5 6 6 5 7 8 0 7 8 0 6 6 5 7 8 0 6 6	5 4 9 3 6 0 0 2 4 6 7 9 5 4 7 9 5 6 4 4 5 3 7 7 5 3 1 1 6 2 0 5 6 1 4 1 5 9 3 3 5 6 3 3 5 4 9 1 5 3 7 1 5 4 9 1 5 3 7 1 5 1 4 4 4 9 5 3 5 8 2 6 6 0 4 4 4 9 5 3 5 8 2 6 6 0 4 4 5 9 0 3 5 <	5 4 9 3 6 6 0 0 2 7 4 6 7 9 2 5 4 7 9 4 5 6 4 4 5 5 3 7 7 1 5 3 4 9 6 4 8 9 7 8 5 3 1 1 5 6 2 0 5 2 6 1 4 1 3 5 6 3 3 8 5 6 3 3 8 5 4 9 1 7 5 3 7 1 5 5 4 9 1 7 5 3 7 1 5 5 4 9 1 7 5 8 2 6 1 4 9 5 <td>5 4 9 3 6 0 6 0 0 2 7 2 4 6 7 9 2 2 5 4 7 9 4 4 5 6 4 4 5 7 5 3 7 7 1 8 5 3 4 9 6 3 4 8 9 7 8 3 5 3 1 1 5 7 6 2 0 5 2 0 6 1 4 1 3 5 5 6 3 3 8 9 5 4 9 1 7 2 5 4 9 1 7 2 5 3 7 1 5 3 4 9 5 3 2 1 5 4 9 5 3</td> <td>6 0 0 2 7 2 2 4 6 7 9 2 2 7 5 4 7 9 4 4 7 5 6 4 4 5 7 3 5 4 6 3 3 8 2 5 3 7 7 1 8 8 5 3 1 1 5 7 8 6 2 0 5 2 0 8 6 1 4 1 3 5 4 5 6 3 3 8 9 0 5 6 3 3 4 5 4 5 6 3 3 8 9 0 5 4 9 1 7 2 0 5 1 4 4 6 5 1 4 9 5 3 2 <t< td=""><td> S</td><td> DOCUMENT NUMBER DATE NAME </td><td> DOCUMENT NUMBER DATE NAME CLASS 3 4 9 3 6 0 9 02/20/96 DAVIS et al. 3 79 </td><td> DOCUMENT NUMBER DATE NAME CLASS SUBCLASS </td></t<></td>	5 4 9 3 6 0 6 0 0 2 7 2 4 6 7 9 2 2 5 4 7 9 4 4 5 6 4 4 5 7 5 3 7 7 1 8 5 3 4 9 6 3 4 8 9 7 8 3 5 3 1 1 5 7 6 2 0 5 2 0 6 1 4 1 3 5 5 6 3 3 8 9 5 4 9 1 7 2 5 4 9 1 7 2 5 3 7 1 5 3 4 9 5 3 2 1 5 4 9 5 3	6 0 0 2 7 2 2 4 6 7 9 2 2 7 5 4 7 9 4 4 7 5 6 4 4 5 7 3 5 4 6 3 3 8 2 5 3 7 7 1 8 8 5 3 1 1 5 7 8 6 2 0 5 2 0 8 6 1 4 1 3 5 4 5 6 3 3 8 9 0 5 6 3 3 4 5 4 5 6 3 3 8 9 0 5 4 9 1 7 2 0 5 1 4 4 6 5 1 4 9 5 3 2 <t< td=""><td> S</td><td> DOCUMENT NUMBER DATE NAME </td><td> DOCUMENT NUMBER DATE NAME CLASS 3 4 9 3 6 0 9 02/20/96 DAVIS et al. 3 79 </td><td> DOCUMENT NUMBER DATE NAME CLASS SUBCLASS </td></t<>	S	DOCUMENT NUMBER DATE NAME	DOCUMENT NUMBER DATE NAME CLASS 3 4 9 3 6 0 9 02/20/96 DAVIS et al. 3 79	DOCUMENT NUMBER DATE NAME CLASS SUBCLASS

•EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

74103

O I P E 50 98

Sheet <u>2</u> of <u>4</u>

Form PTO-144	9.						U	J.S. D Paten	epartment of t and Traden	Consinerce nark Office	1 79		Serial No. 10/657,271	
II.	۱FO	RM	1AT		DIS Y AF		osu	RE S	TATEMEN		Applicant . Stephen PALM			
		(Use					neces	sary)		Filing Date September 9, 2003		Group 263	(
								•	: 1	U.S. PATENT I	DOCUMENTS			
EXAMINER INITIAL		Ε	юс	UM	ENT	NU	МВ	ER	DATE		NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DAN		5	8	5	2	6	5	5	12/22/98	McHALE et a	1.			
DW		5	4	1	0	3	4	3.	04/25/95	CODDINGTO)N et al.			
naa		5	7	5	7	8	0	3	05/26/98	RUSSELL et a	al.			<u> </u>
wa a		5	7	9	6	8	0	8	08/18/98	SCOTT et al.	·			
DNN		5	7	5	1	9	ı	4	05/12/98	COLEY et al.				
D40		5	4	4	8	5	6	6 -	09/05/95	RICHTER et a	al.		. /	
SAR		5	<u>.'</u>	6	3	1	3	1	11/10/92	ROW et al.				
DON		4	6	8	0	7	7	3	07/14/87	AMUNDSON				
DAN		5	4	6	3	6	6	1	10/31/95	MORAN III e	t al.			
DNN		5	7	1	5	2	7	7	02/03/98	GOODSON et	t al.			
N X DE		5	6	0	8	7	6	4	03/04/97	SUGITA et al.	•			
Na C		5	6	8	2	4	1	9	10/28/97	GRUBE et al.				
DNN		5	3	2	ı	7	2	2	06/14/94	OGAWA		<u></u>		
Naa		5	9	1	2	9	2	1	06/15/99	WARREN et :	al.		_	./
DDN	_	6	0	6	4	6	9	3	05/16/00	OLIVER et al	•			
D.NW		6	0	5	5	2	6	8	04/25/00	TIMM et al.				
<u>0xN</u>		5	2	8.	0	5	8	6	01/18/94	KUNTZ et al.				
DW	L	5	4	6	3	6	6	1	10/31/95	MORAN et al				
	_	L				L	Ŀ							
· 	L		<u> </u>	_	L	L	_	_		ļ				
<u>.</u>	_	L	<u> </u>	_	<u> </u>	<u> </u>	_						· .	
·	Ŀ	L	_	_		L	L							:
	_	Ŀ	_	<u> </u>		L	_	ļ			·			
	L	_	 			_	_						<u> </u>	· · · · · · · · · · · · · · · · · · ·
	_	<u> </u>	L		<u> </u>	-	_				· · · · · · · · · · · · · · · · · · ·			<u> </u>
	ہا	٢		<u>L</u>	Ŀ				<u> </u>	L	T	L	1 /2 :	16=
EXAMINER	0	£)		n	/		0		Ngu	(/ 	DATE CONSIDERE		6/24	10s
										tation is in confo nunication to ap		09; Draw line	through citation	if not in conformance

EXAMINER

V/4/05

Sheet 3 of 4 Form PTO-1449 S. Department & Commerce Atty. Docket No. Serial No. Parent and Trestemark Office P24108 10/657,271 Applicant INFORMATION DISCLOSURE STATEMENT BY APPLICANT Stephen PALM (Use several sheets if necessary) Filing Date Group September 9, 2003 2811 2631 U.S. PATENT DOCUMENTS **EXAMINER** FILING DATE INITIAL DOCUMENT NUMBER DATE NAME **CLASS SUBCLASS** IF APPROPRIATE FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT NUMBER COUNTRY DATE **CLASS** SUBCLASS YES NO カル 03/12/98 W.I.P.O. DAN 2 0 2 01/26/00 E.P.O. MAN 01/21/98 E.P.O. 6 a pa 01/26/00 E.P.O. MX 5 6 07/15/99 W.I.P.O. 9 D) AN 9 2 2 W.I.P.Ò. N04/08/94 6 9 8 0 JAPAN M & M 7 0 2 03/17/98 **JAPAN** 2 2 2 3 04/18/95 CANADA 0 DXIN 2 5 1 3 06/18/94 CANADA 4 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) English Language Abstract of JP 6-97980. English Language Abstract of JP 10-75279. ITU-T Recommendation V.8 bis ("Procedures for the Identification and Selection of Common Modes of Operation Between Data Circuit-Terminating Equipments (DCEs) and Between Data Terminal Equipments (DTEs) Over the General Switched Telephone Network and On Leased Point-to-Point Telephone-Type Circuits"), published by the International Telecommunication Union in August, 1996. DWA An article by F. MESCAM, entitled "Introduction A La Procedure De Transmission HDLC", published at pages 69-73 of L'Onde Electrique, vol. 53, no. 2 (February, 1973).

*EXAMINER: Initial il citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

DATE CONSIDERED

Vulos.

		•		
Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. P24108	Serial No. 10/657,271
INFO		IATION DISCLOSURE STATEMENT BY APPLICANT	Applicant Stephen PALM	-
•		Use several sheets if necessary)	Filing Date September 9, 2003	Group 2811- 263
1.		OTHER DOCUMENTS (Including Au	thor, Title, Date, Pertinent Pages,	Etc.)
DXN	5	An articled by H. OHBA et al., entitled "End-to	o-End Protocol Based On CCITT	X.25 and Its Implementation",
		published at pages 281-287 of Evolutions In Co	omputer Communications, Kyoto	September 26-29, 1978,
		International Conference On Computer Commu	unication, Tokyo, Japan, vol. COI	NF. 4, September 1978.
DXN.	6	An articled by K. KRECHMER at pages 63, 64	and 66 of Data Communications	, McGraw Hill, NY, vol. 23, no. 2
		(January 21, 1994), entitled "V.34 Modems: Of	ff to a Fast Start?".	
DAN	7	An article published in the periodical, "Nikkei (ust 18, 1997, pages 80-89.
10 pn	8	ITU-T recommendation G.994.1 ("Handshake)		
· W / 10		published by the International Telecommunicat		
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	\vdash		<u> </u>	
	H		·	
	+		<u> </u>	
	\vdash		<u> </u>	
	H			
	П			· · · · · · · · · · · · · · · · · · ·
	П			· · · · · · · · · · · · · · · · · · ·
	M			,
	П			
-				•
	П			
	П		·	
	T			
	H			· · · · · · · · · · · · · · · · · · ·
	H		· · · · · · · · · · · · · · · · · · ·	
	H			· · · · · · · · · · · · · · · · · · ·
EXAMINER (ma p. Nguyen	DATE CONSIDERED	0/4/07
		f citation considered, whether or not citation is in confi	<u> </u>	